(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



1 THE RECORD OF BUILDING AND REAL RESTORMANCE AND RESTORMANCE AND REAL RESTORMANCE AND REAL RESTORMANCE AND RE

(43) International Publication Date 17 June 2004 (17.06.2004)

PCT

(10) International Publication Number WO 2004/050640 A1

- (51) International Patent Classification⁷: C07D 239/52, 239/46, 239/56, A61K 31/505
- (21) International Application Number: PCT/EP2003/012502
- (22) International Filing Date: 10 November 2003 (10.11.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

- (30) Priority Data:
 PCT/EP02/13601 2 December 2002 (02.12.2002) EP
- (71) Applicant (for all designated States except US): ACTE-LION PHARMACEUTICALS LTD [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BOLLI, Martin [CH/CH]; Baselmattweg 141, CH-4123 Allschwil (CH). BOSS, Christoph [CH/CH]; Muesmattweg 98, CH-4123 Allschwil (CH). CLOZEL, Martine [FR/CH]; Winterhalde 3b, CH-4102 Binningen (CH). FISCHLI, Walter [CH/CH]; Obertorweg 64, CH-4123 Allschwil

(CH). WELLER, Thomas [CH/CH]; Hoelzlistrasse 58, CH-4102 Binningen (CH).

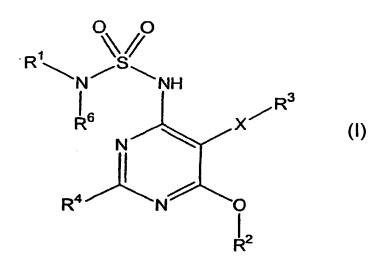
- (74) Agent: HOFMANN, Dieter; StratAll, Therwilerstrasse 87, CH-4153 Reinach (CH).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PYRIMIDINE-SULFAMIDES AND THEIR USE AS ENDOTHELIAN RECEPTOR ANTAGONIST



(57) Abstract: The invention relates to novel sulfamic acid amides of General Formula (I) and their use as active ingredients in the preparation of pharmaceutical compositions. The invention also concerns related aspects including processes for the preparation of the compounds, pharmaceutical compositions containing one or more of those compounds and especially their use as endothelin receptor antagonists. [ADD FORMULA]

